

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	135	(313/498.ccls. 313/502.ccls. 313/406.ccls. 313/512.ccls.) and (hemispheric\$2 semispheric\$2 (half near2 (circle sphere)) semi\$spheric semi \$spherical)	US-PGPUB; USPAT	OR	ON	2009/05/15 10:54
L9	130170	LED and (side sideways) and reflect \$3	US-PGPUB; USPAT	OR	ON	2009/05/15 11:33
L10	2217	9 and "313".clas.	US-PGPUB; USPAT	OR	ON	2009/05/15 11:34
L11	26142	LED and ((side sideways) with light) same reflect\$3	US-PGPUB; USPAT	OR	ON	2009/05/15 11:34
L12	893	11 and "313".clas.	US-PGPUB; USPAT	OR	ON	2009/05/15 11:34
L13	336	LED and (sideways with light) same reflect \$3	US-PGPUB; USPAT	OR	ON	2009/05/15 11:43
L14	37	13 and hemisphere	US-PGPUB; USPAT	OR	ON	2009/05/15 11:43
L19	864	light with out with LED with side	US-PGPUB; USPAT	OR	ON	2009/05/15 13:56
L20	1452	light with out with (LED chip diode) with side	US-PGPUB; USPAT	OR	ON	2009/05/15 13:56
L21	70	20 and "313".clas.	US-PGPUB; USPAT	OR	ON	2009/05/15 13:57
L22	1382	20 not "313".clas.	US-PGPUB; USPAT	OR	ON	2009/05/15 14:01
L23	27	("5128843"   "5604480"   "5632551"   "5966393").PN. OR ("6404131").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/15 14:11
L33	37384	(diode chip LED) and encapsul\$5 and reflect \$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/15 14:38
L34	17231	33 and column\$4	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/15 14:39
L35	1768	34 and ((side with (diode chip LED)) or sideways)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/15 14:39

L36	331652	"36" and ray	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/15 14:40
L37	503898	"25" and ray	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/15 14:40
L38	672	35 and ray	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/15 14:40
L39	704	side\$4 with emit\$4 with diode with lamp	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/15 14:49
L40	28	(side\$4 with emit\$4 with diode with lamp). ab.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/15 14:50
L41	2969	313/498.ccls. 313/502. ccls. 313/406.ccls. 313/512.ccls.	US-PGPUB; USPAT	OR	ON	2009/05/15 14:52
L42	5	(LI near2 JUL-TUAN). in.	US-PGPUB; USPAT	OR	ON	2009/05/15 15:36
S3	61	((TADASHI) near2 (YANO)).INV.	US-PGPUB; USPAT	OR	ON	2009/05/13 14:03
S4	83	((MASANORI) near2 (SHIMIZU)).INV.	US-PGPUB; USPAT	OR	ON	2009/05/13 14:03
S5	192	((KI YOSHI) near2 (TAKAHASHI)).INV.	US-PGPUB; USPAT	OR	ON	2009/05/13 14:03
S6	6	S3 and S4 and S5	US-PGPUB; USPAT	OR	ON	2009/05/13 14:04
S7	20	("20020011601"   "20030189829"   "20030214233"   "20030218228"   "20040190304"   "20050207165"   "20050237747"   "20050242362"   "20050263777"   "20050274973"   "20060131594"   "3875456"   "5998925"   "6576930"   "6653765"   "6922024"   "6940101"   "6949772"   "6963166"   "7005679").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/13 14:05

S8	10	US-20020130326-\$. DID. OR US- 20020088985-\$.DID. OR US-5998925-\$.DID. OR US-6949772-\$.DID. OR US-20050242362-\$. DID. OR US- 20050237747-\$.DID. OR US-6963166-\$.DID. OR US-20050263777-\$. DID. OR US-6940101-\$. DID. OR US-6922024-\$. DID.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/13 14:15
S9	2	"20060131594"	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/13 14:16
S10	191	"6576930" "7005679" "3875456"	US-PGPUB; USPAT	OR	ON	2009/05/13 14:21
S11	3	"6576930".pn. "7005679".pn. "3875456".pn.	US-PGPUB; USPAT	OR	ON	2009/05/13 14:21
S13	893	313/498.ccls.	US-PGPUB; USPAT	OR	ON	2009/05/13 15:01
S14	456	313/502.ccls.	US-PGPUB; USPAT	OR	ON	2009/05/13 15:19
S15	1707	313/512.ccls.	US-PGPUB; USPAT	OR	ON	2009/05/13 15:23
S16	82364	"12" and (hemispheric \$2 semispheric\$2 (half near2 (circle sphere)) semi\$spheric semi \$spherical)	US-PGPUB; USPAT	OR	ON	2009/05/14 07:26
S17	135	(313/498.ccls. 313/502. ccls. 313/406.ccls. 313/512.ccls.) and (hemispheric\$2 semispheric\$2 (half near2 (circle sphere)) semi\$spheric semi \$spherical)	US-PGPUB; USPAT	OR	ON	2009/05/14 07:26
S18	122	S17 and (transmiss\$3 transmittance reflect \$4)	US-PGPUB; USPAT	OR	ON	2009/05/14 07:28
S19	118	LED and columnated	US-PGPUB; USPAT	OR	ON	2009/05/14 08:24
S20	8191	LED and "surface treatment"	US-PGPUB; USPAT	OR	ON	2009/05/14 08:27
S21	166	S20 and "313".clas.	US-PGPUB; USPAT	OR	ON	2009/05/14 08:28
S22	27	"6686691"	US-PGPUB; USPAT	OR	ON	2009/05/14 08:41

S24	55	"286154"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/05/14 09:13
S25	47	"5055892"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/05/14 09:20
S26	45	"5055892"	US-PGPUB; USPAT	OR	ON	2009/05/14 09:21
S27	88	(313/498.ccls. 313/502. ccls. 313/406.ccls. 313/512.ccls.) and (hemispheric\$2)	US-PGPUB; USPAT	OR	ON	2009/05/14 09:55
S28	5957	LED and (hemispheric \$2)	US-PGPUB; USPAT	OR	ON	2009/05/14 10:01
S29	538	S28 and phosphor	US-PGPUB; USPAT	OR	ON	2009/05/14 10:01
S30	61	("20020123164"   "20020172354"   "20030006418"   "20030067758"   "20030153861"   "20030173575"   "4042552"   "4107238"   "4141941"   "4320268"   "4562018"   "4826424"   "4918497"   "4966862"   "5027168"   "5087949"   "5110278"   "5143660"   "5210051"   "5277840"   "5338944"   "5374668"   "5393993"   "5416342"   "5477430"   "5523589"   "5604135"   "5631190"   "5669486"   "5739554"   "5753730"   "5813753"   "5851063"   "5858278"   "5882553"   "5912477"   "5959316"   "5968422"   "6066861"   "6069440"   "6120600"   "6156242"   "6177688"   "6187606"   "6201262"   "6252254"   "6329676"   "6346973"   "6373188"   "6383417"   "6391231"   "6404125"   "6521915"	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/14 10:12

		"6576930"   "6734465"   "6744077"   "6853131").PN. OR ("7029935").URPN.				
S31	268	362/300.ccls.	US-PGPUB; USPAT	OR	ON	2009/05/14 10:53
S32	1509	362/293.ccls.	US-PGPUB; USPAT	OR	ON	2009/05/14 10:55

**5/ 15/ 2009 4:27:42 PM**

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